

## **SUPPORT MECHANISM**

### **Abstract of the Disclosure**

A support mechanism comprises a base member, first and second support arms, first and second synchronizing arms, and a load-supporting platform. The first support arm is connected to a pivot bracket and the based member in a manner to permit pivoting movement of the first support arm between stowed and deployed positions. The second support arm is connected to the pivot bracket and the load-supporting platform in a manner to permit pivoting movement of the second support arm relative to the load-supporting platform between stowed and deployed positions. The first and second synchronizing arms are also operatively connected to the based member, pivot bracket and load-supporting platform in a manner so that the first synchronizing arm and first support arm maintain a substantially parallel relationship with one another throughout the entire range of movement of the first support arm, and so that the second synchronizing arm and second support arm also maintain a substantially parallel relationship with one another throughout the entire range of movement of the second support arm.